

**ABSTRACT**

The present invention provides systems and methods that isomorphically maps constructs between domain spaces (*e.g.*, object, markup, relational and user interface domains). The systems and methods employ a mapping component that utilizes at least one suppress label(s), introduce label(s) and/or mediating schema to facilitate construct mapping. Examples of such mapping include transforming a named construct to an anonymous construct, a named construct to a named construct, an anonymous construct to a named construct, and an anonymous construct to an anonymous construct. In general, introduce labels can be utilized to provide names for anonymous constructs and/or modify existing names; suppress labels typically are utilized to suppress names such as introduced names or names a user desires to be suppressed; and mediating schema can be utilized to provide a default or user customized mapping to an intermediate schema before, during and/or after construct mapping.